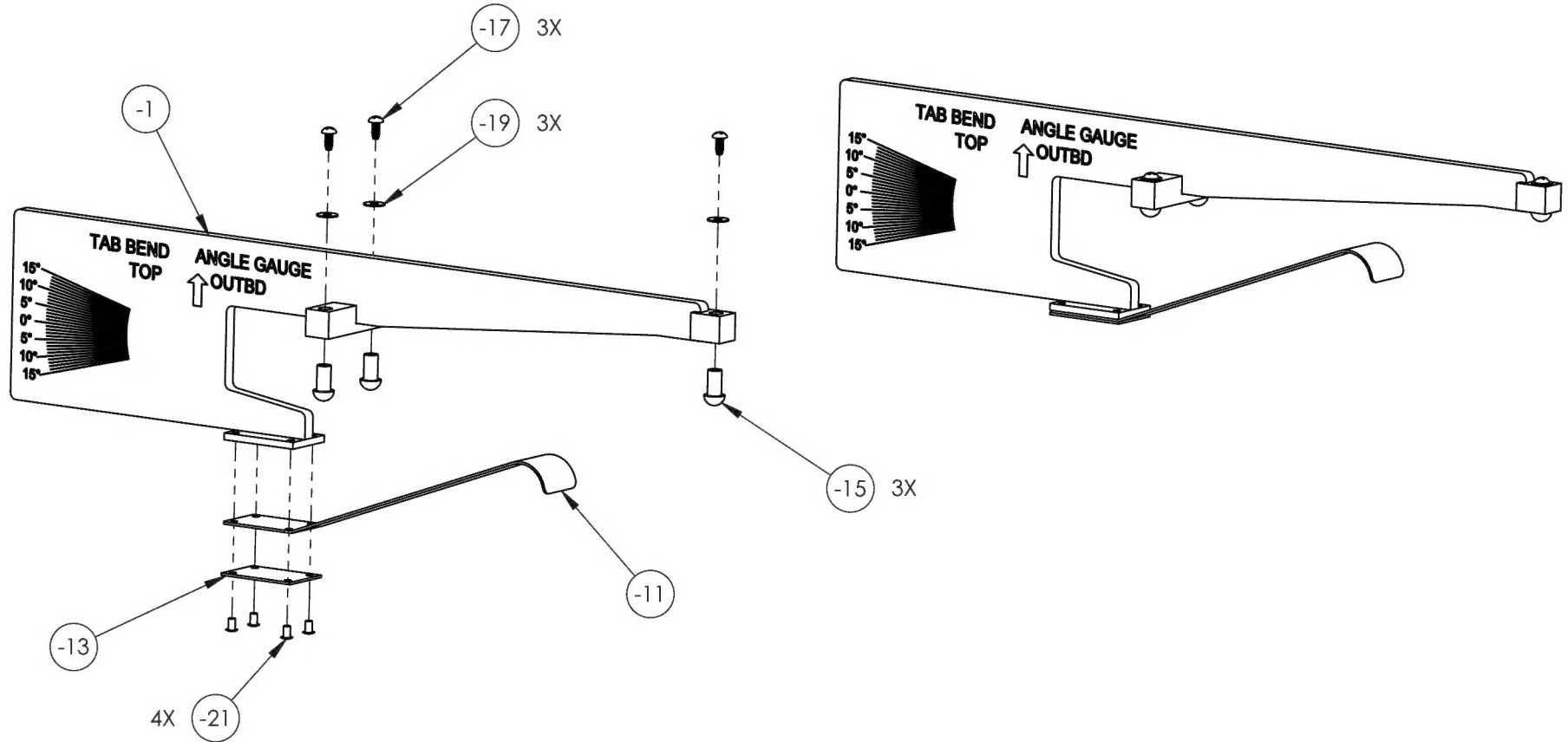


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-1 CH'D 1.404 & .660 DIMENSIONS TO REFERENCE DIMENSIONS, ADDED .744 DIM. -3 ADDED ENGRAVE T/N, S/N, "MADE IN USA" NOTE, CH'D .250 TO (.250) DIM. -7 DELETED +.005 -.000 FROM THE .250 SLOT DIM. AND ADDED S.F. -3 TO DIM. -11 CH'D DIM 7.000 TO 7.00 AND 1.888 TO 1.888 ±.030.	1/29/2013	RJC	SE



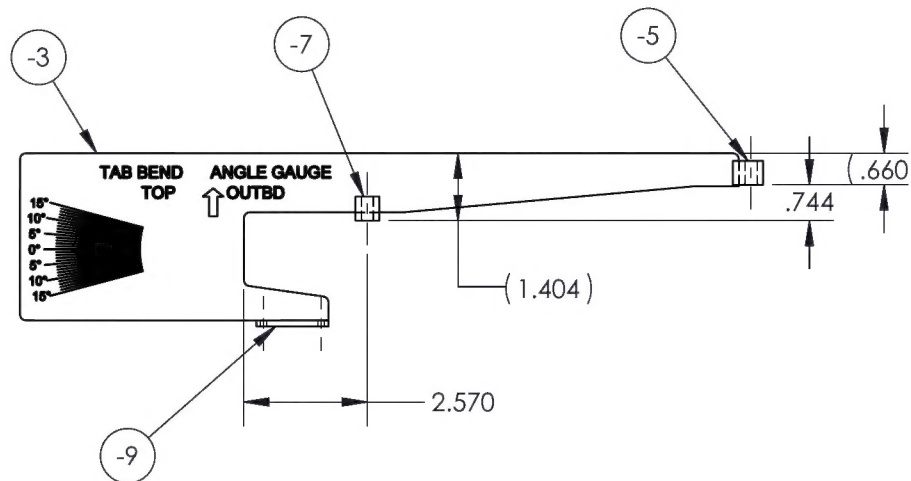
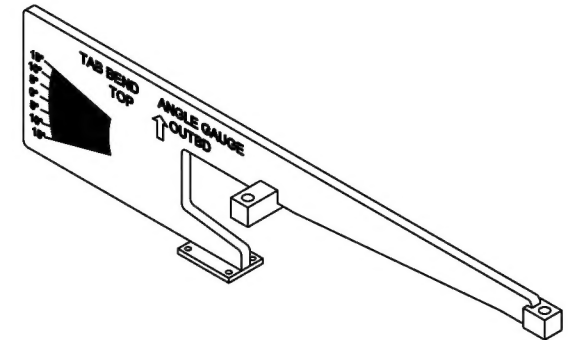
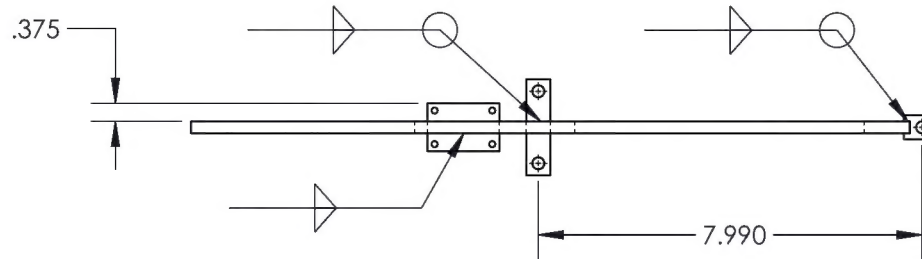
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WELDMENT			2
	1		-3		GAUGE PLATE	6061	1/8 X 15-1/4 X 3-5/8	3
	1		-5		END BRIDGE PLATE	6061	5/8 X 5/8 X 5/8	4
	1		-7		DOUBLE BEARING PLATE	6061	5/8 X 5/8 X 2-1/8	5
	1		-9		SPRING MOUNTING PLATE	6061	1/8 X 1-1/8 X 1-5/8	6
			-11	1	SPRING	301 S.S.	.040 V 1-1/8 X 7-3/4	7
			-13	1	SPRING BACKING PLATE	301 S.S.	.040 X 1-1/8 X 1-5/8	8
			-15	3	BEARING	DELRIIN	Ø1/2 X 3/4	9
		B/O	-19	3	WASHER	STEEL	#6 AN960-6	1
		B/O	-17	3	SCREW	S.S.	#6-32 X 5/16 MCMASTER-CARR #90087A145	1
		B/O	-21	4	RIVET	AL	AN470AD-4-6	1
	ASSY -1							

RED BARN MACHINE	
TITLE TRIM TAB BENDING GAUGE	
DWG NO. RBT400351	REV A
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 429
SCALE 1:3	DATE 8/28/2012
	SHEET 1 OF 9

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# REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-1 CH'D 1.404 & .660 DIMENSIONS TO REFERENCE DIMENSIONS, ADDED .744 DIM.	1/29/2013	RJC	SE

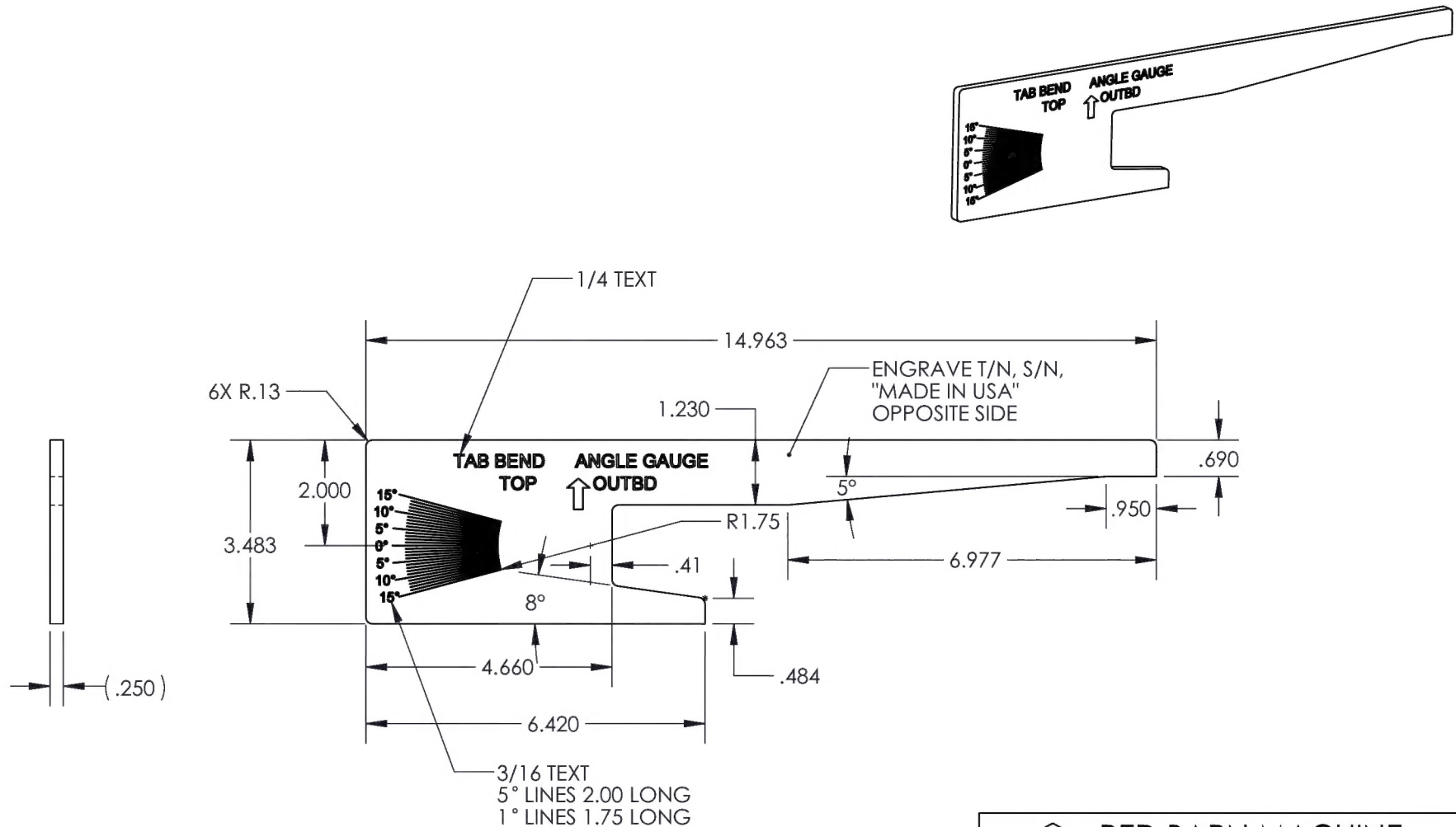


(-1)  
WELDMENT

<b>RED BARN MACHINE</b>	
<b>TRIM TAB BENDING GAUGE</b>	
DWG NO.	RBT400351-1
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT RED ANODIZE
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC MIL-A-8625F, TYPE II, CLASS II
SCALE 1:3	DATE 8/28/2012
	SHEET 2 OF 9

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-3 ADDED ENGRAVE T/N, S/N, "MADE IN USA" NOTE. CH'D .250 TO (.250) DIM.	1/29/2013	RJC	SE

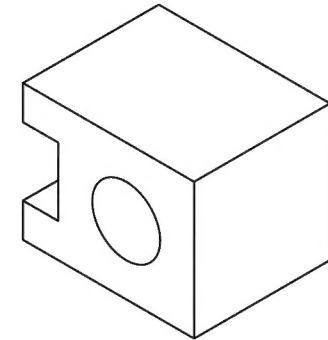
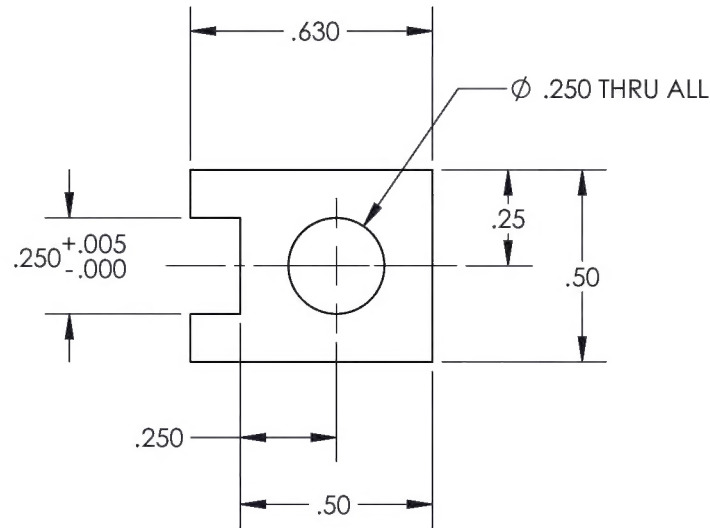
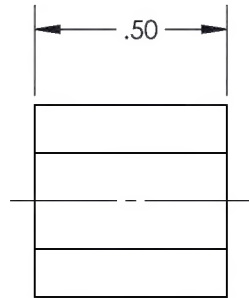


③  
GAUGE PLATE


<b>RED BARN MACHINE</b>	
TITLE <b>TRIM TAB BENDING GAUGE</b>	
DWG NO. <b>RBT400351-3</b>	REV <b>A</b>
MAT'L 6061	DRAWN BY: <b>GILBERT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED <b>D Weil</b>	
HEAT TREAT	
FINISH SEE -1 WELDMENT	
SPEC	
USED ON MODEL	
BELL 429	
SCALE 1:3	DATE 8/28/2012
SHEET 3 OF 9	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



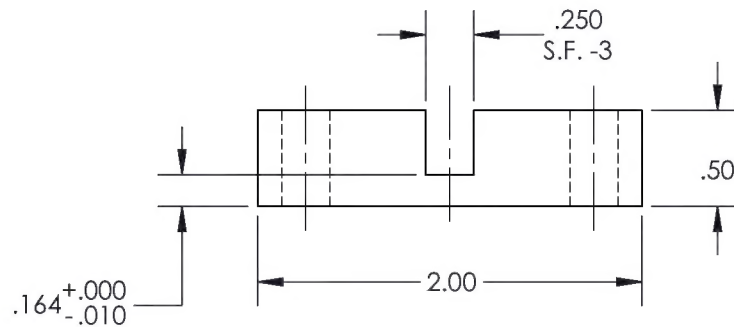
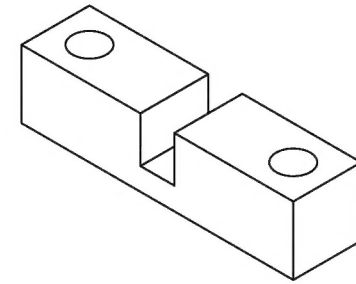
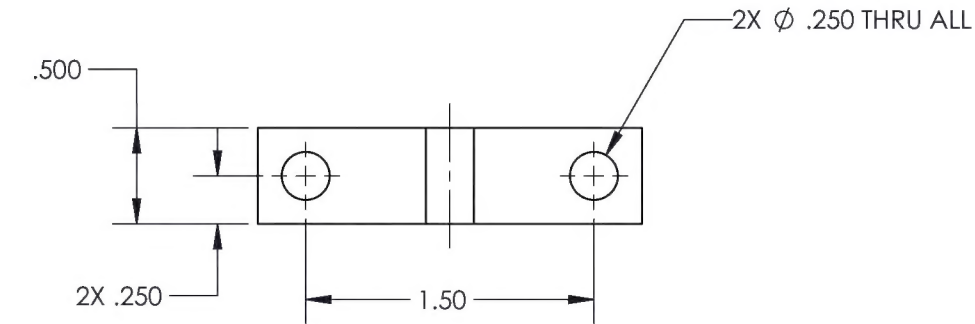
(-5)  
END BRIDGE PLATE

 <b>RED BARN MACHINE</b>	
TITLE <b>TRIM TAB BENDING PLATE</b>	
DWG NO. <b>RBT400351-5</b>	REV <b>A</b>
MAT'L 6061	DRAWN BY: <b>GILBERT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>BELL 429</b>
SCALE 2:1	DATE 8/28/2012
SHEET 4 OF 9	

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# REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-7 DELETED +.005 -.000 FROM THE .250 SLOT DIM. AND ADDED S.F. -3 TO DIM.	1/29/2013	RJC	SE



-7

DOUBLE BRIDGE PLATE



RED BARN MACHINE

TITLE

TRIM TAB BENDING GAUGE

DWG NO.

RBT400351-7

REV

A

MAT'L 6061

DRAWN BY: GILBERT

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

APPROVED

*D Weil*

.XXX ± .005

FRACTIONS ± 1/32

.XX ± .01

ANGLES ± 5°

.X ± .1

HEAT

TREAT

FINISH

SPEC

1. BREAK ALL SHARP EDGES .015 x 45°  
OR .015R

2. DIMENSIONAL LIMITS APPLY AFTER  
PLATING

USED ON MODEL

BELL 429

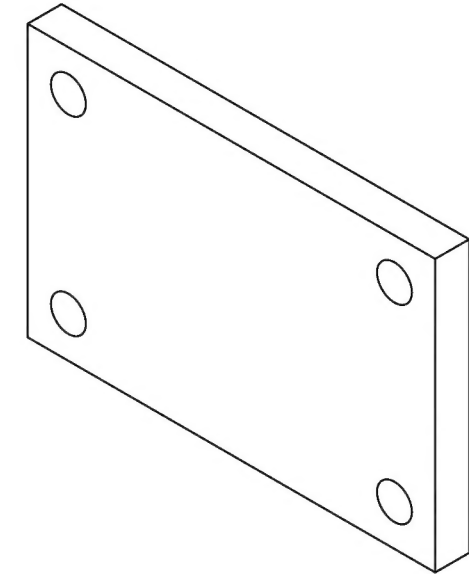
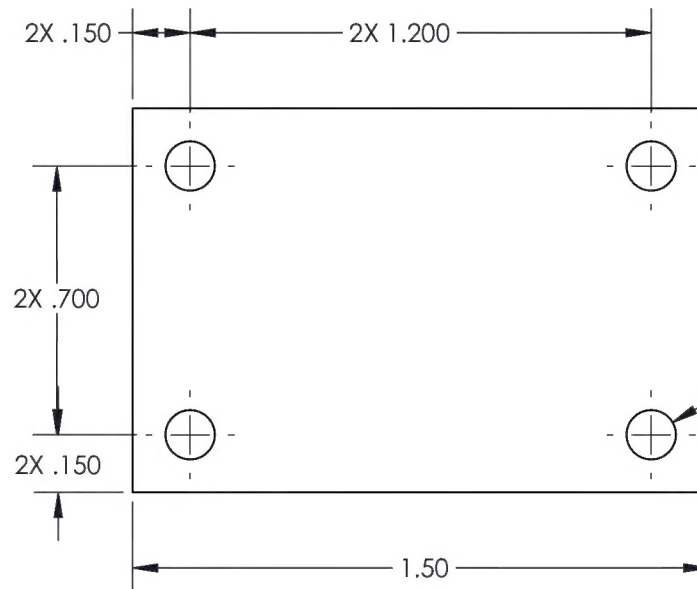
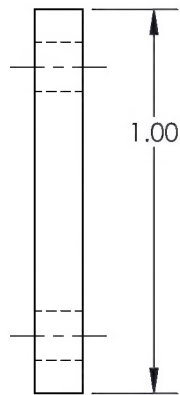
SCALE 1:1

DATE 8/28/2012

SHEET 5 OF 9

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



4X Ø .129 THRU ALL

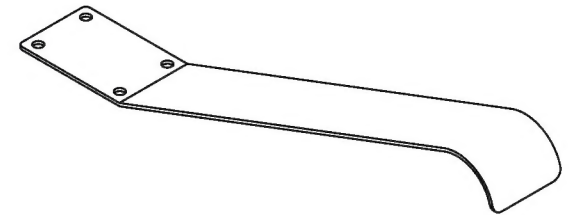
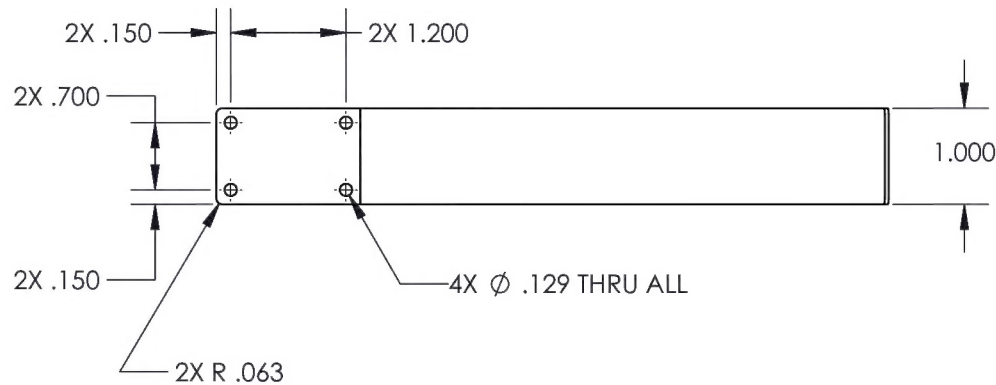
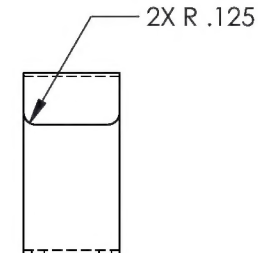
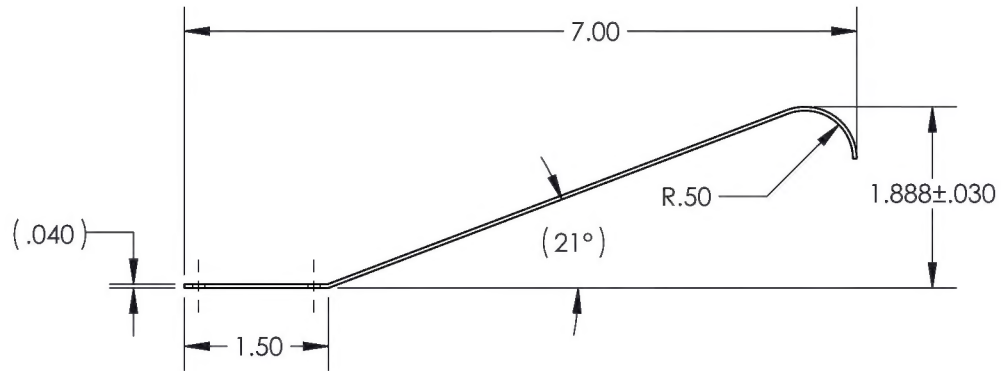
⑨

SPRING MOUNTING PLATE

 <b>RED BARN MACHINE</b>	
TITLE <b>TRIM TAB BENDING GAUGE</b>	
DWG NO. <b>RBT400351-9</b>	REV <b>A</b>
MAT'L 6061	DRAWN BY: <b>GILBERT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/32	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE <b>2:1</b>	DATE <b>8/29/2012</b>
SHEET 6 OF 9	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-11 CH'D DIM 7.000 TO 7.00 AND 1.888 TO 1.888 ±.030.	1/29/2013	RJC	SE



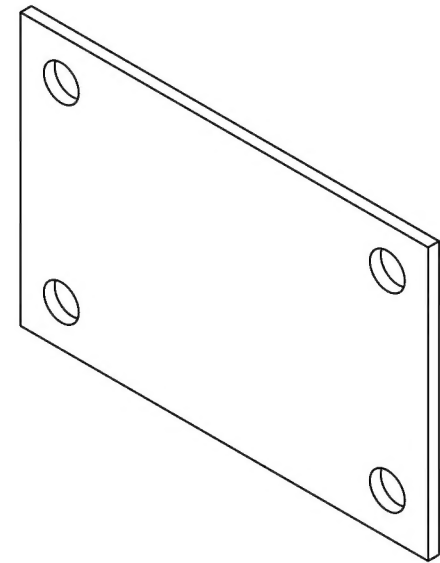
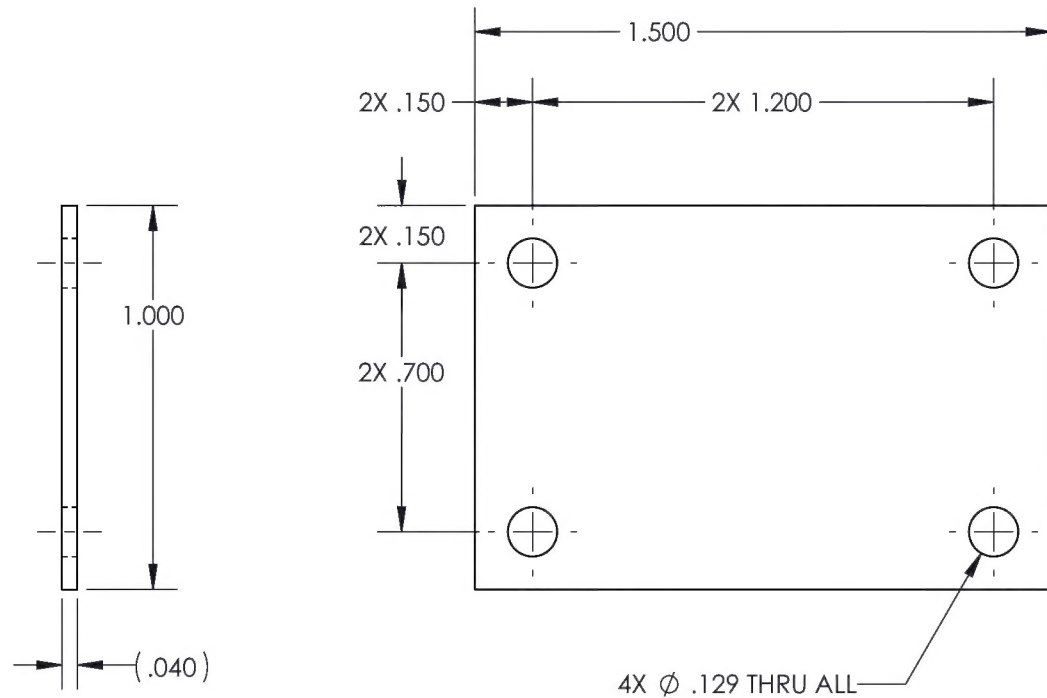
(-11)  
SPRING

<b>RED BARN MACHINE</b>	
TITLE <b>TRIM TAB BENDING GAUGE</b>	
DWG NO. <b>RBT400351-11</b>	REV <b>A</b>
MAT'L 301 S.S.	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH
SCALE 2:1	SPEC
DATE 8/29/2012	USED ON MODEL
	BELL 429
	SHEET 7 OF 9




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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



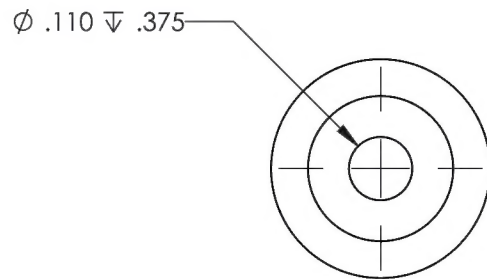
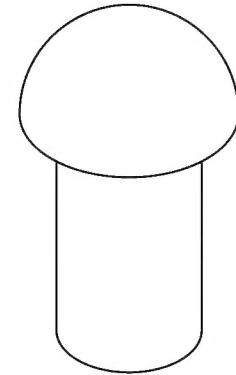
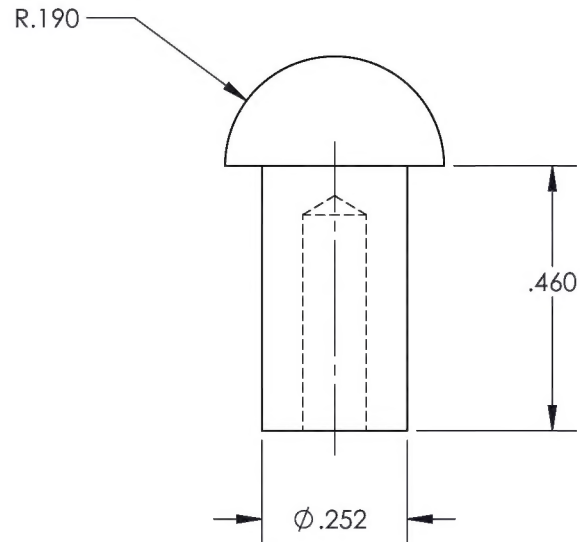
(-13)  
SPRING BACKING PLATE

 <b>RED BARN MACHINE</b>	
TITLE <b>TRIM TAB BENDING GAUGE</b>	
DWG NO. <b>RBT400351-13</b>	REV <b>A</b>
MAT'L 301 S.S. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: <b>GILBERT</b> APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL <b>BELL 429</b>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 2:1	DATE 8/29/2012
SHEET 8 OF 9	




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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



(-15)

BEARING

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> TRIM TAB BENDING GAUGE	
<b>DWG NO.</b> RBT400351-15	<b>REV</b> A
<b>MAT'L</b> DELRIN	<b>DRAWN BY:</b> GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01        ANGLES ± 5° .X ± .1	<b>APPROVED</b> <i>D Weil</i> <b>HEAT TREAT</b> <b>FINISH</b> <b>SPEC</b>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>USED ON MODEL</b> BELL 429
<b>SCALE</b> 3:1	<b>DATE</b> 8/29/2012 <b>SHEET</b> 9 OF 9